

polynucleotide of Claim 18.

59. A non-human transgenic animal, into which has been introduced the polynucleotide of Claim 25.

60. A non-human transgenic animal, into which has been introduced the polynucleotide of Claim 32.

61. A non-human transgenic animal, into which has been introduced the polynucleotide of Claim 39.

SUPPORT FOR THE AMENDMENTS

Original Claims 1-17 have been canceled in favor of Claims 18-61. Newly added Claims 18-61 are supported by the specification at pages 2-43 and by original Claims 1-17. No new matter is believed to have been added to this application by these amendments.

REMARKS

Claims 18-61 are active in this application. Favorable reconsideration is respectfully requested.

The rejection of the claims under 35 U.S.C. §112, second paragraph, are believed to be obviated by the amendments submitted above. The claims have been amended for clarification. Accordingly, withdrawal of this ground of rejection is respectfully requested.

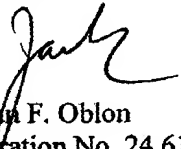
Rejection of the claims under 35 U.S.C. §112, first paragraph, are believed to be obviated by the amendments submitted above. The newly-added claims recite the subject matter indicated as allowable. Withdrawal of this ground of rejection is respectfully requested.

Regarding the Restriction Requirement, Applicants submit that Claims 18-49 are directed to the elected Group. Claims 50-61 are directed to methods (Claims 50-57) or compositions of matter (Claims 58-61) which recite the elected subject matter. Accordingly, Claims 50-61 must be rejoined with the elected claims under the provisions of M.P.E.P. §821.04.

Applicants submit that the present application is in condition for allowance. Early notice to this effect is earnestly solicited.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER AND NEUSTADT, P.C.



Norman F. Oblon
Registration No. 24,618
Attorney of Record



22850

James J. Kelly
Registration No. 41,504

(703) 413-3000
(703) 413-2220 (fax)

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IN THE CLAIMS

--Claims 1-17 (Cancelled).

Claims 18-61 (New).--